



## DAM SAFETY INSPECTION REPORT

### GENERAL INFORMATION:

WATERSHED NAME: \_\_\_\_\_ SITE NUMBER: \_\_\_\_\_

NID #: \_\_\_\_\_ COUNTY: \_\_\_\_\_

INSPECTION DATE: \_\_\_\_\_

INSPECTED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

OTHER PARTICIPANTS: \_\_\_\_\_

LAST DAM SAFETY INSPECTION: \_\_\_\_\_

LAST O&M INSPECTION: \_\_\_\_\_

NUMBER OF O&M INSPECTIONS IN LAST 5 YRS: \_\_\_\_\_

HAS DAM BEEN INSPECTED BY TNRCC? \_\_\_\_\_ DATE: \_\_\_\_\_  
(YES, UNKNOWN)

ADDITIONAL DATA: SEE DAM INVENTORY DATABASE

### INSPECTION SUMMARY:

THIS DAM IS DETERMINED TO BE: \_\_\_\_\_  
(UNSAFE, NOT UNSAFE)

GENERAL ASSESSMENT OF DAM: \_\_\_\_\_  
(EXCELLENT, GOOD, FAIR, POOR)

ASSESSMENT OF OPERATION AND MAINTENANCE (O&M): \_\_\_\_\_  
(VERY GOOD, ADEQUATE, LESS THAN ADEQUATE)

ASSESSMENT OF O&M RECORDS: \_\_\_\_\_  
(VERY GOOD, ADEQUATE, LESS THAN ADEQUATE)

FOLLOW-UP INVESTIGATION RECOMMENDED? \_\_\_\_\_  
IF YES, DESCRIBE IN INSPECTION NARRATIVE.

LIST ITEMS REQUIRING IMMEDIATE ACTION: \_\_\_\_\_

## HAZARD CLASSIFICATION AND HYDROLOGIC REVIEW:

DESIGN HAZARD CLASSIFICATION: \_\_\_\_\_ CURRENT: \_\_\_\_\_  
(HIGH, SIGNIFICANT, LOW) (HIGH, SIG., LOW, PEND.)

DEGREE OF DOWNSTREAM CHANGE SINCE DAM CONSTRUCTION: \_\_\_\_\_  
(HIGH, MEDIUM, LOW)

HAZARD CLASS CHANGE RECOMMENDED? \_\_\_\_\_  
IF YES, DESCRIBE BASIS FOR RECOMMENDATION IN INSPECTION NARRATIVE.

DEGREE OF UPSTREAM CHANGE SINCE DAM CONSTRUCTION: \_\_\_\_\_  
(HIGH, MEDIUM, LOW)

HYDROLOGIC REVIEW RECOMMENDED?: \_\_\_\_\_

## VISUAL INSPECTION:

	MONITOR (M)	INVESTIGATE (I)	REPAIR (R)	COMMENT
<b>EMBANKMENT:</b>				
1. SURFACE CRACKING				
2. CAVE IN, ANIMAL BURROWS				
3. LOW AREAS				
4. HORIZONTAL ALIGNMENT				
5. SLOPE STABILITY				
6. SEEPAGE				
7. DRAINAGE SYSTEMS				
8. SLOPE PROTECTION				
9. VEGETATION CONDITION				
10. EROSION				
11. DISPERSION/JUG HOLES				
12. UNDESIRABLE VEGETATION				
13. FLOATABLE DEBRIS				
14. WAVE EROSION				
15.				
16.				
17.				
18.				

	M	I	R	
<b>RESERVOIR AREA</b>				
1. EROSION				
2. SEDIMENTATION				
3. ACTIVE LANDSLIDES				
4. CONSTRUCTION IN FLOOD POOL				
5.				
6.				
7.				

**STRUCTURAL SPILLWAY(S):** M I R

1. CONCRETE SURFACES				
2. STRUCTURAL CRACKING				
3. CONCRETE MOVEMENT				
4. INTERIOR SURFACES				
5. CONDUIT JOINTS				
6. METAL FABRICATIONS				
7. CONTROL GATES				
8. STILLING BASIN				
9.				
10.				
11.				
12.				

**AUXILIARY SPILLWAY(S):** M I R

1. ENTRANCE SECTION				
2. CONTROL SECTION				
3. EXIT SECTION				
4. VEGETATION CONDITION				
5. EROSION				
6. TRAILS				
7. DISCONTINUITIES				
8. BERMS, DIKES				
9. OBSTRUCTIONS				
10. DEBRIS				
11. UNDESIRABLE VEGETATION				
12.				
13.				
14.				

**DOWNSTREAM CHANNEL** M I R

1. DEGRADATION				
2. TREE OR BRUSH GROWTH				
3. DEBRIS				
4. STANDING WATER, BACKWATER				
5. SEDIMENTATION				
6.				
7.				
8.				

**INSTRUMENTATION** M I R

1. VERTICAL MOVEMENT				
2. HORIZONTAL MOVEMENT				
3. RESERVOIR STAGE				
4. PIEZOMETERS				
5. SEISMIC				
6. WARNING SYSTEM				
7.				
8.				
9.				
10.				